

Print jobs get out of order between workstation and printer

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We have an app running on WinXP workstations, app is hosted on a Win2003 server. Printer is connected to the Win2003 server. Application does this:

```
For InCounter = 1 to 3
  report form <myreport> range 1,1 to printer noconsole
Endfor
```

```
For InCounter = 2 to InMaxPages
  report form <myreport> range InCounter, InCounter to printer noconsole
Endfor
```

The basic idea here is that each page prints three times: Page 1 prints 3 times, page 2 prints 3 times, etc. Normally, we don't have any more than 2 pages to print, so it comes out on the printer as 1,1,1,2,2,2. (why wasn't this done in one loop? I didn't write the code...).

Last night we rebuilt the app and deployed it to the server. The server hasn't changed, the report hasn't changed, the printer hasn't changed, the printer driver, the code that prints this report hasn't changed. The only thing that changed is that we rebuilt the app because of changes in areas unrelated to this particular report. Today, the report prints like this: 1,2,1,1,2,2. I examined the code, and don't see what would cause this. If I pause the print queue on the server while they print, and then unpauses it after the app is done, it comes out in the proper order. If I print to a different server, it prints fine. My theory is that the app is printing in the proper order like it always has, and the server is somehow mixing up the order that they should print.

The windows guys have no clue what to do about it. We have no clue why it started doing this just today, and why it does this on just this one server, let alone how to control it. I believe I can fix this in the app by putting a SET PRINTER TO after the printing of each page, and if necessary by putting a pause of a second or so between each page: 1,1,1, <set printer to><pause 2 seconds>2,2,2<set printer to><pause 2 seconds>.

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But it just worries me that after weeks and weeks of testing, it just now is starting to do this for no reason that we can discern.